GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA

UNSTARRED QUESTION NO:1996
ANSWERED ON:10.12.2015
Investment in Hydro Power Electricity Sector
Nishank Dr. Ramesh Pokhriyal

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) the potential of hydroelectric power generation in the country along with the actual power generated through hydro-electric power projects at present, project-wise, State/UT-wise;

(b) the number of ongoing hydroelectric projects and steps taken by the Government to complete these projects within the stipulated time frame;

(c) the number of projects in the pipeline alongwith capacity thereof, State/UT−wise also the pendency of hydro projects due to various reasons including objections from Environment and Forests Ministry;

(d) the policy of the Government regarding investment in hydro electric power generation in the country;

(e) whether the Government intends to set up mini and micro hydro projects through voluntary organisations and panchayats to promote community participation; and

(f) if so, the details thereof?

Answer

THE MINISTER OF STATE FOR POWER, COAL & NEW AND RENEWABLE ENERGY (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a): Identified potential for hydroelectric power in the country is 145320MW and 19749MW in Large and Small hydro respectively. The State/UT-wise details of estimated potential for small hydro power generation in the country is given at Annexure-I.
The power generation for the hydroelectric power projects including large and small hydro is given at Annexure-II & Annexure III respectively.
(b): The number of ongoing / Hydro projects in the Government Sector for large hydro is 47 and for small hydro is 107.
â€¢ Central Electricity Authority (CEA) is monitoring the progress of hydro power projects (above 25 MW) continuously through site visits, interaction with the developers & other stakeholders to sort out the critical issues.
â€¢ Power Project Monitoring Panel (PPMP), set up by the Ministry of Power, independently follows up and monitors the progress of the hydro projects. Chairperson, CEA holds review meetings with the PPMP and monitoring division of CEA.
â€¢ Ministry of Power also reviews the progress of ongoing Hydro electric projects regularly with the concerned officers of CEA, equipment manufacturers, State Utilities / CPSUs / Project developers, etc.

For small hydro Ministry provides progress link Central Financial Assistance (CFA) to the project. Ministry further reviews the status of the project with the implementing organisation(s)
(c): DPRs of 12 numbers of Hydro electric scheme are under examination in CEA.
No proposal from any State for Small Hydro Power Projects is pending in the Ministry of New and Renewable Energy (MNRE) for clearance.
(d): The Government has notified Hydro Power Policy, 2008 on 31.3.2008 to boost investment in hydro electric power generations in the country. The salient features of the policy are given below:
â€¢ The cost plus Tariff regime (in which tariff is to be determined by the regulator under section 62 of Electricity Act, 2003) has been extended for public as well as private sector hydro power projects up to December 2015.
â€¢ Transparent selection criteria for awarding sites to private developers.
â€¢ Enables developer to recover his additional costs through merchant sale of upto a maximum of 40% of the saleable energy. 5% reduction for a delay of every six months. − Balance long term PPAs
â€¢ For 10 years from the COD, developer to provide 100 units of electricity per month to each PAF - in cash or kind or a combination of both.
â€¢ Project developer assists in implementing rural electrification in the vicinity of the project area and contributes the 10% share of the State Govt. under the RGGVY scheme.
â€¢ Additional 1% free power from the project (over and above 12% free power earmarked for the host State) for a Local Area Development Fund, - regular revenue stream for welfare schemes, creation of additional infrastructure and common facilities.
â€¢ The State Governments would also contribute a matching 1% from their share of 12% free power.
â€¢ The Environment and Forest issues involved in the hydro projects are being dealt by Ministry of Environment & Forest and Climate Change.
MNRE has been implementing a Scheme to tap the potential of Small Hydro Power (upto 25 MW station capacity) in the Country. Various fiscal and financial incentives are provided under the Scheme for the development of Small Hydro Power.

(e)&(f): Yes, the Ministry of New & Renewable Energy already has a scheme in place to set up mini and micro hydro projects through voluntary organisations and panchayats to promote community participation under which financial support is provided for development/Upgradation of watermills and setting up of micro hydel projects upto 100 kW capacity to State Government Departments/State Nodal Agencies/Local Bodies/Co-operatives/NGOs/Tea Garden & individual Entrepreneurs.

*****